

Converting Colors

YUV(76.3240, 28.4343,
-66.9361)

Have a look what the booklet for
YUV(76.3240, 28.4343, -66.9361)
contains.

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Color

**YUV(76.3240, 28.4343,
-66.9361)**

Conversions

Conversions Part 1

Format	Color
Hex	006886
RGB	0, 104, 134
RGB Percent	0%, 41%, 53%
CMY	1.0000, 0.5922, 0.4745
CMYK	1.00, 0.22, 0.00, 0.47
HSL	193°, 100%, 26%
HSV	193°, 100%, 53%
XYZ	9.2534, 11.6219, 24.3098
YIQ	76.3240, -71.6140, -12.7180

Conversions

Conversions Part 2

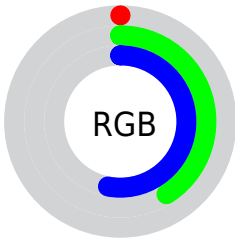
Format	Color
RYB	0, 59, 134
Decimal	26758
CIELab	40.61, -13.99, -23.73
CIELCh	41, 27.545, 239.483
Yxy	11.6219, 0.2048, 0.2572
Android (android.graphics.Color)	4278216838 (0xFF006886)
YUV	76.3240, 28.4343, -66.9361
Hunter-Lab	34.0908, -11.2081, -18.4154

Details

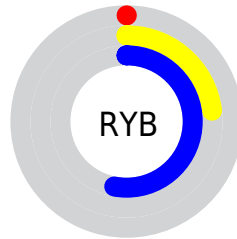
The YUV color **76.3240, 28.4343, -66.9361** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **57.6760, -28.4343, 66.9361**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2230, 25.0331, -49.3076**, and **43.0350, 20.1957, -37.7417** is the 20% darker color. If you saturate the color by 10%, you get **76.3240, 28.4343, -66.9361**, and if you desaturate by 10%, it is **81.9720, 25.6498, -60.4884**.

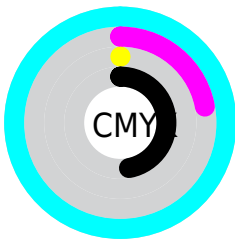
Distribution



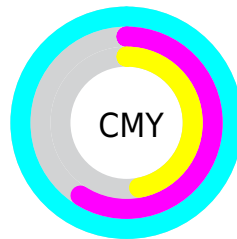
- Red (0%)
- Green (41%)
- Blue (53%)



- Red (0%)
- Yellow (23%)
- Blue (53%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3240, 28.4343, -66.9361 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 76.3240, 28.4343, -66.9361 by changing the saturation by 10% instead.

■ 76.3240, 28.4343,
-66.9361

■ 76.3240, 28.4343,
-66.9361

■ 255.0000, 0.0000,
0.0000

■ 59.3860, 24.4597,
-52.0815

■ 136.2230, 25.0331,
-49.3076

■ 43.0350, 20.1957,
-37.7417

■ 163.9350, 25.1750,
-48.1780

■ 27.4990, 16.5160,
-24.1166

■ 192.0490, 25.6118,
-48.2780

■ 8.5550, 15.0094,
-7.5027

■ 218.4100, 18.0389,
-45.9636

■ 2.5250, 7.1362,
-2.2144

■ 236.7610, 8.9918,
-37.5014

■ 0.0000, 0.0000,
0.0000

■ 245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 76.3240, 28.4343,
-66.9361

■ 81.9720, 25.6498,
-60.4884

■ 87.9190, 22.7179,
-53.4260

■ 93.5670, 19.9335,
-46.9783

■ 99.5140, 17.0016,
-39.9158

■ 105.1620, 14.2171,
-33.4681

■ 110.8100, 11.4327,
-27.0204

■ 116.7570, 8.5008,
-19.9579

■ 122.4050, 5.7163,
-13.5102

■ 128.3520, 2.7845,
-6.4477

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1470, 20.1405, -66.7809



76.3240, 28.4343, -66.9361



91.5400, 24.3838, -27.6606

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3240, 28.4343, -66.9361



97.8070, -0.3979, 34.3723



91.6840, -17.5922, -4.1079

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76.3240, 28.4343, -66.9361



57.6760, -28.4343, 66.9361

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.7680, -21.5776, 14.2355



76.3240, 28.4343, -66.9361



96.7720, -10.7336, 36.1570

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3240, 28.4343, -66.9361



98.7760, 9.9704, 22.1214



95.2520, -18.8582, 28.7200



87.7830, -7.7810, -24.3657

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3240, 28.4343, -66.9361



96.0370, 20.6878, -8.8024



95.2520, -18.8582, 28.7200



92.4460, -19.9399, 2.2399

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.3240, 28.4343, -66.9361



150.9950, 10.8485, -26.3056



81.9640, -26.1113, -71.8824



73.3230, 6.7428, -16.0693



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3240, 28.4343, -66.9361



98.9670, 36.4983, -86.7941



37.5820, 47.5341, -32.9594



63.6190, 1.1738, -3.1739



74.1070, 27.5552, -64.9918



1.5160, 0.7316, -1.3295

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.9220, 25.6745, 71.9824



67.1170, 33.4663, 92.8594



96.4180, -47.5341, 32.9594



62.3640, 1.2995, 3.1888



50.3840, 24.9537, 69.8232



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 76.3240, 28.4343, -66.9361 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 76.3240, 28.4343, -66.9361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

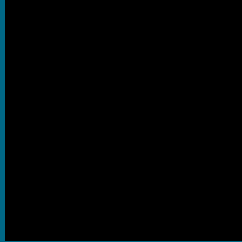
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.3240, 28.4343, -66.9361 Background



This preview shows how black text looks on a background with the YUV color 76.3240, 28.4343, -66.9361.

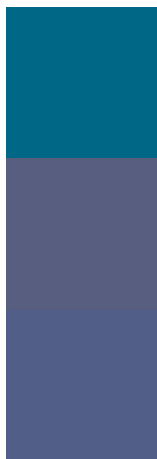


This preview shows how white text looks on a background with the YUV color 76.3240, 28.4343,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.3240, 28.4343, -66.9361

Protanopia

95.6690, 15.4462, -7.6027

Deuteranopia

95.4880, 19.9724, -12.7060



Tritanopia

75.3320, 19.5563, -66.0662

Trichromacy



Original Color

76.3240, 28.4343, -66.9361

Protanomaly

88.7910, 20.3160, -29.6347

Deuteranomaly

88.4640, 22.9422, -31.9789

Tritanomaly

75.5430, 22.9033, -66.2512

Monochromacy



Original Color

76.3240, 28.4343, -66.9361

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8920, 10.4062, -24.4613

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3240, 28.4343, -66.9361 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 104, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 104, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 134) }
```

Border

The CSS property to change the border of an element to YUV 76.3240, 28.4343, -66.9361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 104, 134) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 104, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 104, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 76.3240, 28.4343, -66.9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 104,  
134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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